

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
TMADE.067AAPPLICATION NO.  
09/821,370

#2

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(SEE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Beach et al.

RECEIVED

FILING DATE  
March 29, 2001GROUP  
Unknown

MAY 16 2001

TECHNOLOGY CENTER R3700

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|----|-----------------|----------|------------------|-------|----------|---------------------------------|
| SV                  | 1  | 3,625,518       | 12/7/71  | Solheim ✓        |       |          |                                 |
|                     | 2  | 3,652,094       | 3/28/72  | Glover ✓         |       |          |                                 |
|                     | 3  | 3,941,390       | 3/2/76   | Hussey ✓         |       |          |                                 |
|                     | 4  | 4,420,156       | 12/13/83 | Campau ✓         |       |          |                                 |
|                     | 5  | 5,046,733       | 9/10/91  | Antonious ✓      |       |          |                                 |
|                     | 6  | 5,141,230       | 8/25/92  | Antonious ✓      |       |          |                                 |
|                     | 7  | 5,176,383       | 1/5/93   | Duclos ✓         |       |          |                                 |
|                     | 8  | 5,251,901       | 10/12/93 | Solheim et al. ✓ |       |          |                                 |
|                     | 9  | 5,306,008       | 4/26/94  | Kinoshita ✓      |       |          |                                 |
|                     | 10 | 5,447,309       | 9/5/95   | Vincent ✓        |       |          |                                 |
|                     | 11 | 5,547,427       | 8/20/96  | Rigal et al. ✓   |       |          |                                 |
|                     | 12 | 5,851,160       | 12/22/98 | Rugge et al. ✓   |       |          |                                 |
| SV                  | 13 | 5,947,840       | 9/7/99   | Ryan ✓           |       |          |                                 |
|                     | 14 | 6,012,990       | 1/11/00  | Nishizawa ✓      |       |          |                                 |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|----|-----------------|---------|---------|-------|----------|-------------|----|
|                     |    |                 |         |         |       |          | YES         | NO |
| SV                  | 15 | WO 98/341433    | 1/21/98 | PCT ✓   |       |          |             |    |
|                     | 16 | WO 98/31434     | 1/22/97 | PCT ✓   |       |          |             |    |
| SV                  | 17 | H05-57034       | 39/93   | Japan ✓ |       |          |             |    |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |
|---------------------|--|--|
| SV                  | 18   | Simplifying the Science of Golf. Golf Magazine, October 99. pages 86 and 95. |
|                     |  |  |
|                     |  |  |

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| EXAMINER <i>Snell Vanna</i>  | DATE CONSIDERED <i>7-25-02</i> |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                                |

FORM PTO-1449

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#3

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Beach et al.FILING DATE  
March 29, 2001GROUP  
3711

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE   | NAME          | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|-----------------|--------|---------------|-------|----------|---------------------------------|
| SN                  | 6,254,494 B1    | 7/3/01 | Hasebe et al. |       |          |                                 |
|                     |                 |        |               |       |          |                                 |
|                     |                 |        |               |       |          |                                 |
|                     |                 |        |               |       |          |                                 |
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## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>NO |
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|                     |                 |      |         |       |          |                   |
|                     |                 |      |         |       |          |                   |
|                     |                 |      |         |       |          |                   |
|                     |                 |      |         |       |          |                   |

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| EXAMINER  | <i>Such Vann</i> | DATE CONSIDERED | <i>7-18-02</i> |
| <p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p> |                  |                 |                |

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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>TMADE.067A | APPLICATION NO.<br>09/821,370 |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br><br>(USE SEVERAL SHEETS IF NECESSARY) |  | APPLICANT<br>Beach et al.      |                               |
|  |  | FILING DATE<br>March 29, 2001  | GROUP<br>3711                 |

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|-----------------|----------|--------------------|-------|----------|---------------------------------|
| SP                  | 5,058,895       | 10/22/91 | Igarshi            |       |          |                                 |
|                     | 5,421,577       | 06/06/95 | Kobayashi          |       |          |                                 |
|                     | 5,851,160       | 12/22/98 | Rugge et al.       |       |          |                                 |
|                     | 5,885,166       | 03/23/99 | Shiraishi          |       |          |                                 |
|                     | 0006836 A1      | 01/17/02 | Helmstetter et al. |       |          |                                 |
|                     | 6,364,788       | 04/02/02 | Helmstetter et al. |       |          |                                 |
|                     |                 |          |                    |       |          |                                 |
|                     |                 |          |                    |       |          |                                 |
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| EXAMINER<br><i>Sush V...</i>   | DATE CONSIDERED<br>9-24-02 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                            |